



PATENT

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I hereby certify that this correspondence and the documents referred to as enclosed therein are being deposited with the United States Postal Service on February 1, 2001 in an envelope as 'Express Mail Post Office To Addressee' Mailing Label Number EL562632567US addressed to: BOX CPA, Assistant Commissioner for Patents, Washington, D.C. 20231.

Daniel S. Kasten
Type or Print Name


Signature

In re application of:	:	
Milbrandt and Baloh	:	
Serial No.: 09/220,920	:	Examiner Joseph F. Murphy
Filed: December 24, 1998	:	Group Art Unit 1646
For: Artemin, A Neurotrophic Factor	:	

BOX CPA
Assistant Commissioner for Patents
Washington, D.C. 20231


TRANSMITTAL LETTER

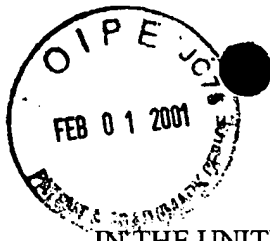
Enclosed please find:

1. Continued Prosecution Application;
2. Check in the amount of \$790.00; and
3. Preliminary Amendment.

We believe that this amount is correct. However, if this is incorrect, you are hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account 18-1829. A duplicate copy of this letter is enclosed. Please file said Continued Prosecution Application.

Respectfully submitted,


Daniel S. Kasten
Reg. No. 45,363
Howell & Haferkamp, L.C.
7733 Forsyth Boulevard, Suite 1400
St. Louis, Missouri 63105
(314) 727-5188



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

St. Louis, Missouri
February 1, 2001

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TECH CENTER 1600/2900

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B.G.J
2/7/01

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PRELIMINARY AMENDMENT

This paper is submitted as a preliminary amendment in the above case. It is respectfully requested that the specification and claims be amended as indicated below, and the remarks be entered in this case.

IN THE CLAIMS:

sub E1
12. (Three times amended) A polynucleotide encoding a pan-growth factor which polynucleotide comprises a nucleotide sequence [of not over about 10,000 nucleotides] encoding [an] a naturally occurring artemin amino acid sequence or a fragment thereof of at least 8 contiguous amino